

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. – 43. (canceled)

44. (currently amended) A method implemented in a subscriber unit ~~associated with a wireless network, wherein two or more subscriber units form a~~ multicast group comprises a plurality of subscriber units, the method comprising:

receiving a multicast group paging message[[,]] via a first one of a plurality of wireless channels, the multicast group paging message indicating a second one of the plurality of wireless channels ~~associated with one or more connection identifiers~~ over which to receive a multicast message that is associated with at least one connection identifier.

45. (currently amended) The method of claim 44, further comprising:
receiving the multicast message via the indicated second one of the plurality of wireless channels.

46. (previously presented) The method of claim 44 further comprising receiving the multicast message concurrently with other subscriber units in the multicast group.

47. (currently amended) The method of claim 44 wherein the second one of the plurality of wireless channels is a dedicated channel.

48. (previously presented) The method of claim 44 wherein only a subscriber unit associated with the multicast group decodes the multicast message transmitted over the second wireless channel.

49. (currently amended) A method of transmitting multicast messages ~~multicasting in a wireless network~~, wherein ~~two or more subscriber units form~~ a multicast group comprises a plurality of subscriber units, the method comprising:

~~allocating a first wireless channel from a plurality of wireless channels for the transmission of a multicast message; and~~

transmitting a multicast group paging message[[,]] via a ~~second~~ first one of ~~the~~ a plurality of wireless channels, the multicast group paging message indicating ~~the first~~ a second one of the plurality of wireless channels over which a

corresponding multicast message associated with at least one connection identifier will be transmitted; and to receive the multicast message, wherein the first wireless channel is associated with one or more connection identifiers

transmitting the multicast message via the second one of the plurality of wireless channels.

50. (currently amended) The method of claim 49 further comprising transmitting the multicast message via the indicated second one of the plurality of wireless channels.

51. (currently amended) The method of claim 49 further comprising:
performing a lookup in a routing table adapted to store entries associating ~~the~~ a multicast group with a connection identifier; and
performing a lookup in a table adapted to associate the connection identifier with the at least one ~~or more~~ subscriber units, ~~wherein each of the at least one or more subscriber units associated with a same connection identifier comprises the multicast group member.~~

52. (previously presented) The method of claim 49 further comprising:
receiving a join group request from a subscriber unit; and

adding an entry in the table indicative of an association between the multicast group and the subscriber unit.

53. (previously presented) The method of claim 49 further comprising:
scanning the multicast message; and
parsing a group address in response to a determination that the multicast message is directed to the multicast group.

54. (previously presented) The method of claim 53 wherein the group address conforms to a protocol and the multicast message is parsed in accordance with the protocol.

55. (previously presented) The method of claim 54 wherein the protocol is the Internet Group Management Protocol (IGMP).

56. (currently amended) The method of claim 49 wherein the first one of the plurality of wireless channels is a dedicated channel.

57. (currently amended) The method of claim 49 further comprising:

receiving a negative acknowledgment from ~~any of the one or more a~~
subscriber unit[[s]] ~~from~~ associated with the multicast group; and
~~resending~~ retransmitting the multicast message ~~to the multicast group.~~

58. (canceled)

59. (currently amended) A subscriber unit ~~in a multicast group in a~~
~~wireless network, wherein the multicast group includes two or more subscriber~~
~~units, the subscriber unit comprising:~~

a receiver configured to

receive a multicast group paging message via a first one of a plurality
of wireless channels indicating a second one of the plurality of wireless channels over
which to receive a corresponding multicast message associated with at least one
connection identifier; and

receive the multicast message via the second one of the plurality of
wireless channels.

~~a processor configured to receive a multicast group paging message, via a~~
~~first one of a plurality of wireless channels, indicating a second wireless channel of~~
~~the plurality of wireless channels associated with one or more connection identifiers~~
~~over which to receive a multicast message.~~

60. – 61. (canceled)

62. (currently amended) The subscriber unit of claim 59 wherein the second one of the plurality of wireless channels is a dedicated channel.

63. (canceled)

64. (currently amended) A base station for multicasting messages, the base station in a wireless network comprising:

a processor configured to~~[:]~~ receive a multicast message addressed to a multicast group having two or more subscriber units;

a transmitter configured to
transmit a multicast group paging message to a multicast group via a
first one of a plurality of wireless channels, the multicast group paging message
indicating a second one of the plurality of wireless channels over which a
corresponding multicast message associated with at least one connection identifier
will be transmitted; and

transmit the multicast message via the second one of the plurality of
wireless channels. in response to receiving the multicast message, allocate a first

~~wireless channel of a plurality of wireless channels, the first wireless channel being associated with one or more connection identifiers; and~~

~~transmit to the multicast group, via a second one of the plurality of wireless channels, a multicast group paging message indicating the allocated single wireless channel over which to receive the multicast message.~~

65. (canceled)

66. (currently amended) The base station of claim 64 wherein:

the processor is further configured to perform a lookup in a routing table adapted to store entries associating ~~the~~ a multicast group with a connection identifier; and ~~the processor is configured~~ to perform a lookup in a table adapted to associate the connection identifier with the at least ~~one or more~~ subscriber units, ~~wherein each of the at least one or more subscriber units associated with a same connection identifier comprises the multicast group.~~

67. (currently amended) The base station of claim ~~64~~ 66, further comprising: wherein:

a receiver ~~the processor is~~ configured to receive a join group request from a subscriber unit; ~~and~~

wherein the processor is further configured to add an entry in the table indicative of an association between the multicast group and the subscriber unit.

68. (currently amended) The base station of claim 64 wherein~~[[:]]~~ the processor is further configured to scan the multicast message; and ~~the processor is configured~~ to parse a group address in response to a determination that the multicast message is directed to the multicast group.

69. (previously presented) The base station of claim 68 wherein the group address conforms to a protocol and the multicast message is parsed by the processor in accordance with the protocol.

70. (previously presented) The base station of claim 69 wherein the protocol is the Internet Group Management Protocol (IGMP).

71. (currently amended) The base station of claim 70 wherein the ~~allocated~~ first one of the plurality of wireless channels is a dedicated channel.

72. (currently amended) The base station of claim 64, further comprising: ~~wherein:~~

~~a receiver~~ ~~the processor~~ is configured to receive a negative acknowledgment from ~~any of the one or more~~ a subscriber unit[[s]] associated with ~~from~~ the multicast group; ~~and~~

wherein the ~~processor~~ transmitter is further configured to ~~resend~~ retransmit the multicast message via the second one of the plurality of wireless channels ~~to the multicast group~~ in response to the negative acknowledgement.